

# TWO-DIMENSIONAL IMAGE READER

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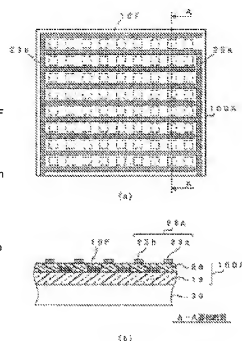
- European:

Application number: JP19990271589 19990927

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## Abstract of JP 2001092951 (A)

**PROBLEM TO BE SOLVED:** To provide a two-dimensional(2D) image reader with which erroneous reading operation, lowering in detection sensitivity or damage to the device can be prevented by suppressing inter-layer short-circuiting or generation of parasitic capacity caused by a transparent conductive film formed on a photosensor device. **SOLUTION:** This 2D image reader is constituted by having a photosensor device 100A formed by locating plural W gate type transistors 10F in the shape of matrix on a glass substrate 19, a transparent conductive film 23A formed in a prescribed pattern on the surface of an insulated protecting film formed by covering the W gate type transistor 10F, and a plane light source 30 located on the back side of the photosensor device 100A for irradiating an object to be detected in contact with a detection plane 20a provided on the upper surface side of the photosensor device 100A with uniform light and the transparent conductive film 23A is formed only just above the mutual interval area of the W gate type transistor 10F.



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